



The Controlled Environment Specialists

Bi-Directional Doors

Doors at the end of the aisles are the third component that further isolates the hot air and cold air mixing in the computer room. In most computer rooms, hot exhaust airflow wraps around the sides of the racks at the end of an aisle. This results in significant mixing of the hot and cold air, and elevated inlet temperatures for the IT equipment in these racks. The usual compensation for this is to add perforated tiles, increase the cooling unit's airflow volume, or decrease the temperature set points. Though these implementations often work, it is using a brute force approach. Increasing fan speeds or decreasing temperature set points has a significant impact on electrical usage and energy costs. To incur these inefficiencies for the sake of a few racks is a waste of resources and compromises utilization.

Simple installation and modular design allows doors to easily be removed, relocated, or repositioned as your computer room evolves.

